

The Tools of Geography

How do geographers show information on maps?

Preview

With your partner, discuss and answer the following questions. Make sure you write down answers for both roles.

Cartographer:

What methods did you use to map the site?

Did you use the numbers on the walls? If so, did those numbers help the Geologist?

What other helpful components did you include on your maps?

If you had to draw another map of the site, what would you do differently?

Geologist:

How did it feel to rely on a map that someone else drew?

What was helpful about the map?

How could the map have been improved?

Section 1 - The Geographic Setting

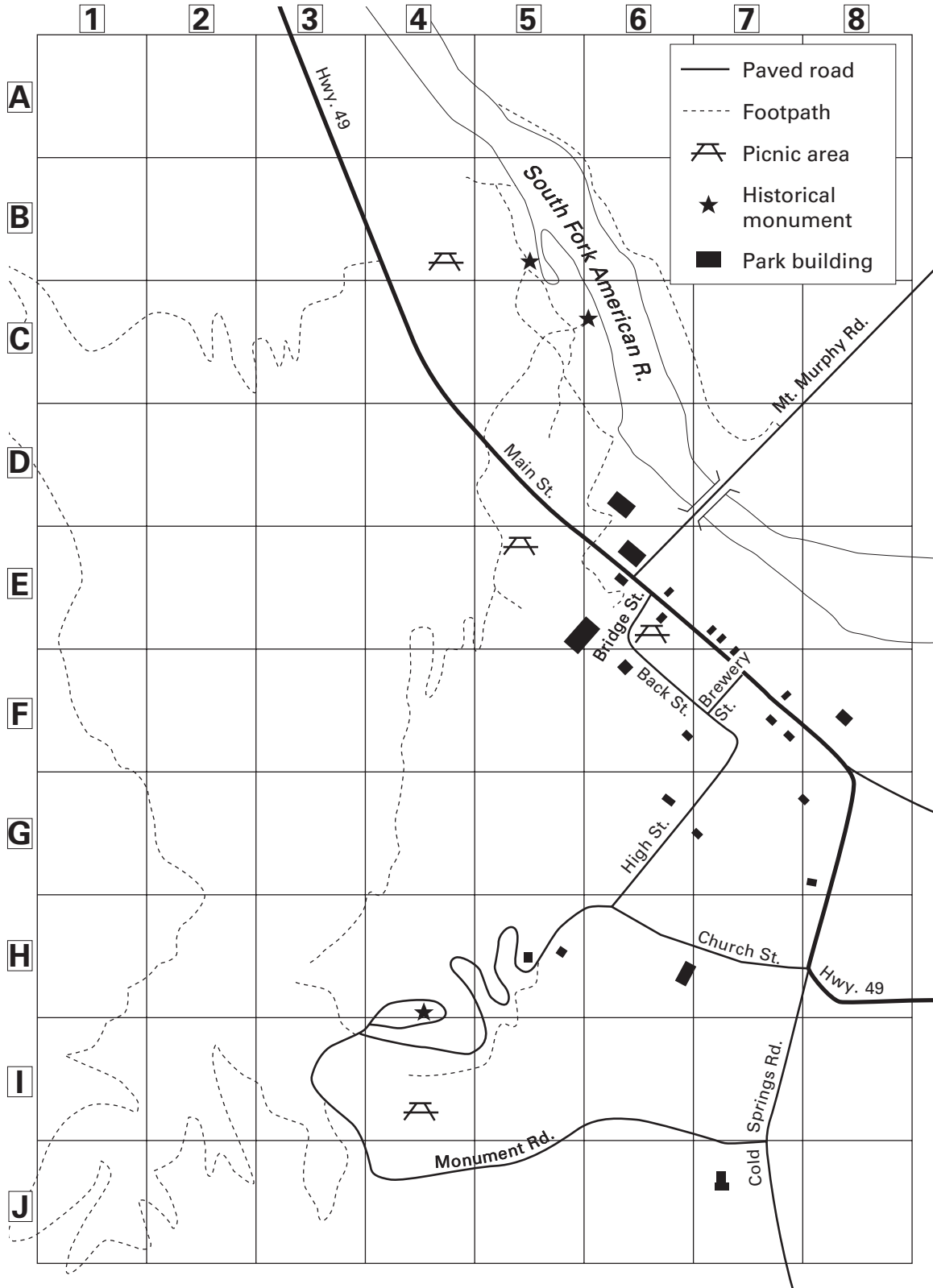
Read the Introduction and Section 1. Then, create an illustrated dictionary of the Geoterms by completing these tasks:

- Create a symbol or an illustration to represent each term.
- Write a definition of each term in your own words.
- Write a sentence that includes the term and the word *map*.

| Geoterm and Symbol | Definition | Sentence |
|--------------------|------------|----------|
| absolute location | | |
| distortion | | |
| map projection | | |
| relative location | | |

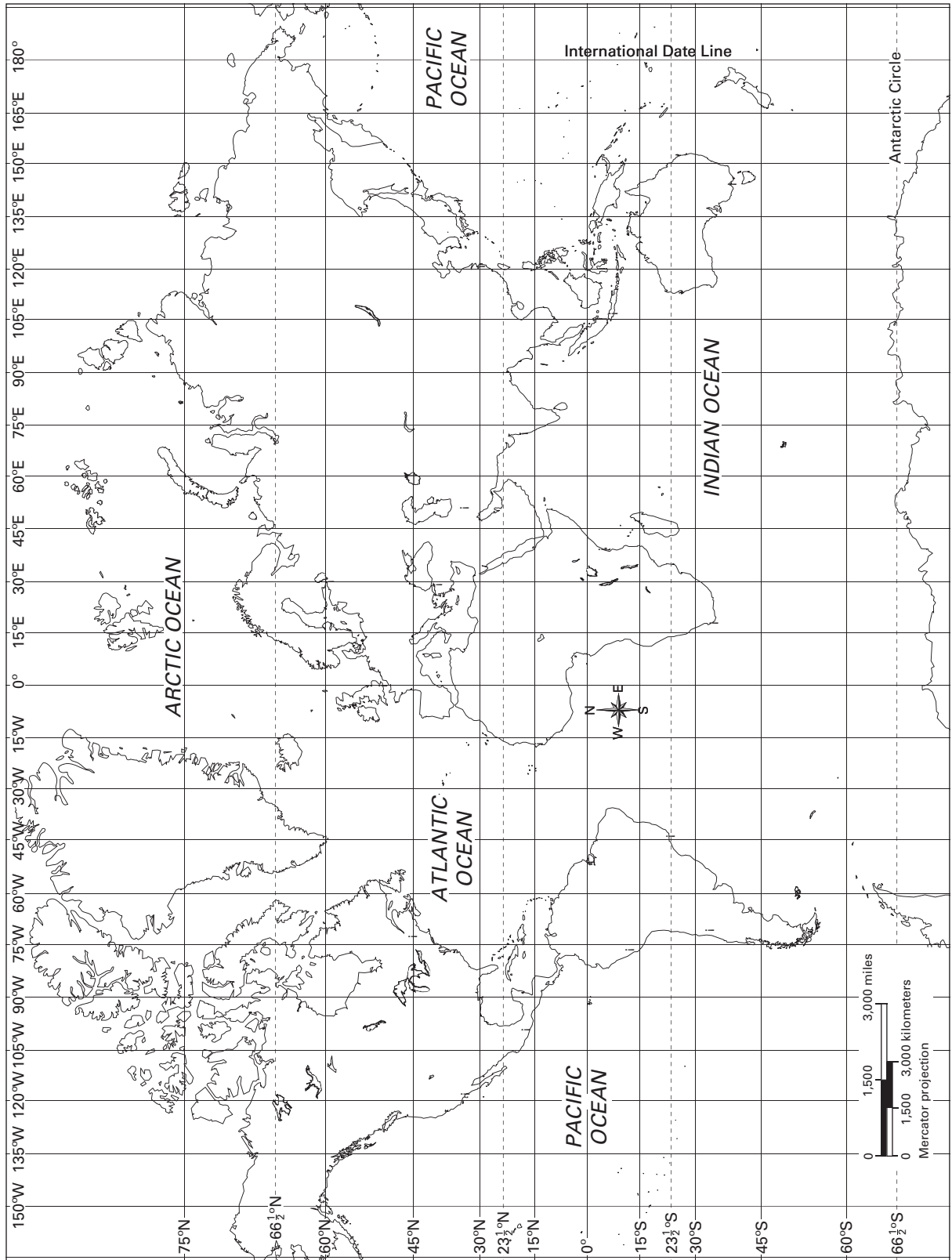
Section 2 - Map Titles and Symbols

Label the map. Follow the directions on the cards your teacher gives you.



Section 3 - The Global Grid: Longitude and Latitude

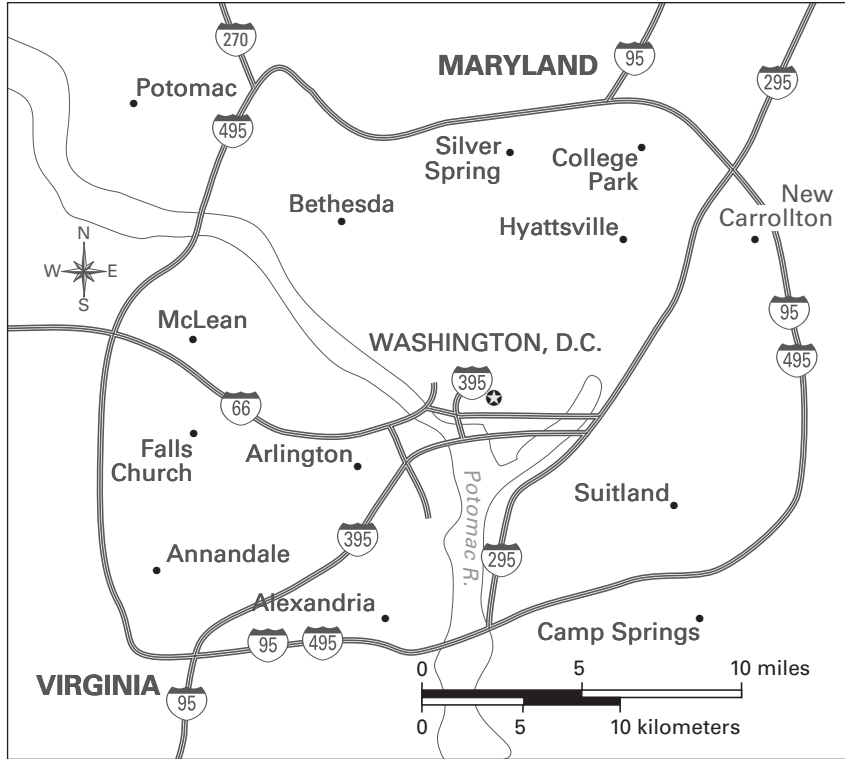
Label the map. Follow the directions on the cards your teacher gives you.



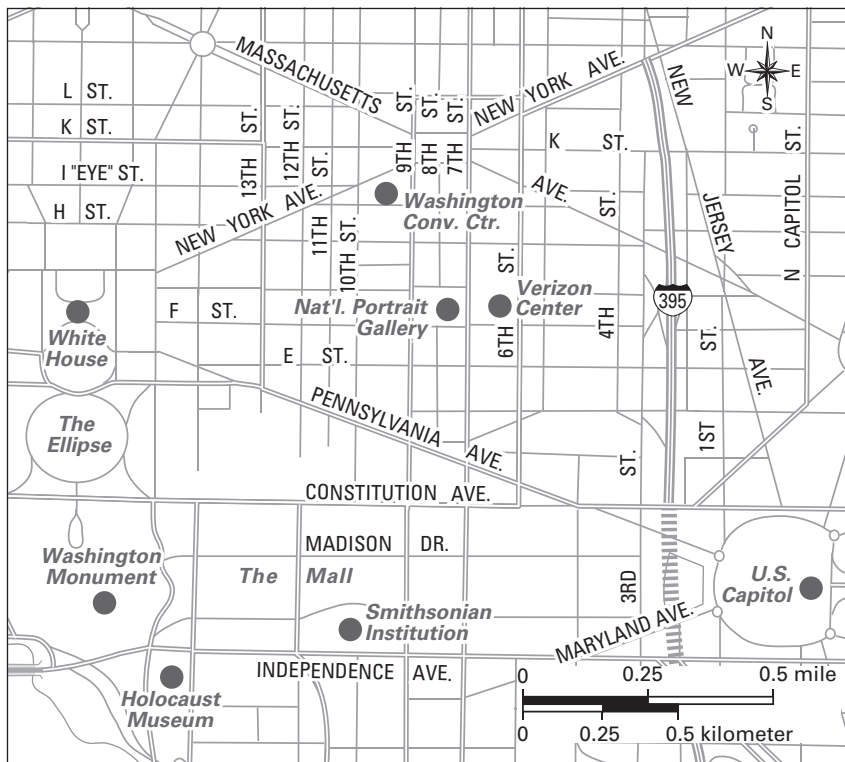
Section 4 - Dealing with Distances: Map Scale

Label the maps. Follow the directions on the cards your teacher gives you.

Washington, D.C., and Surrounding Areas

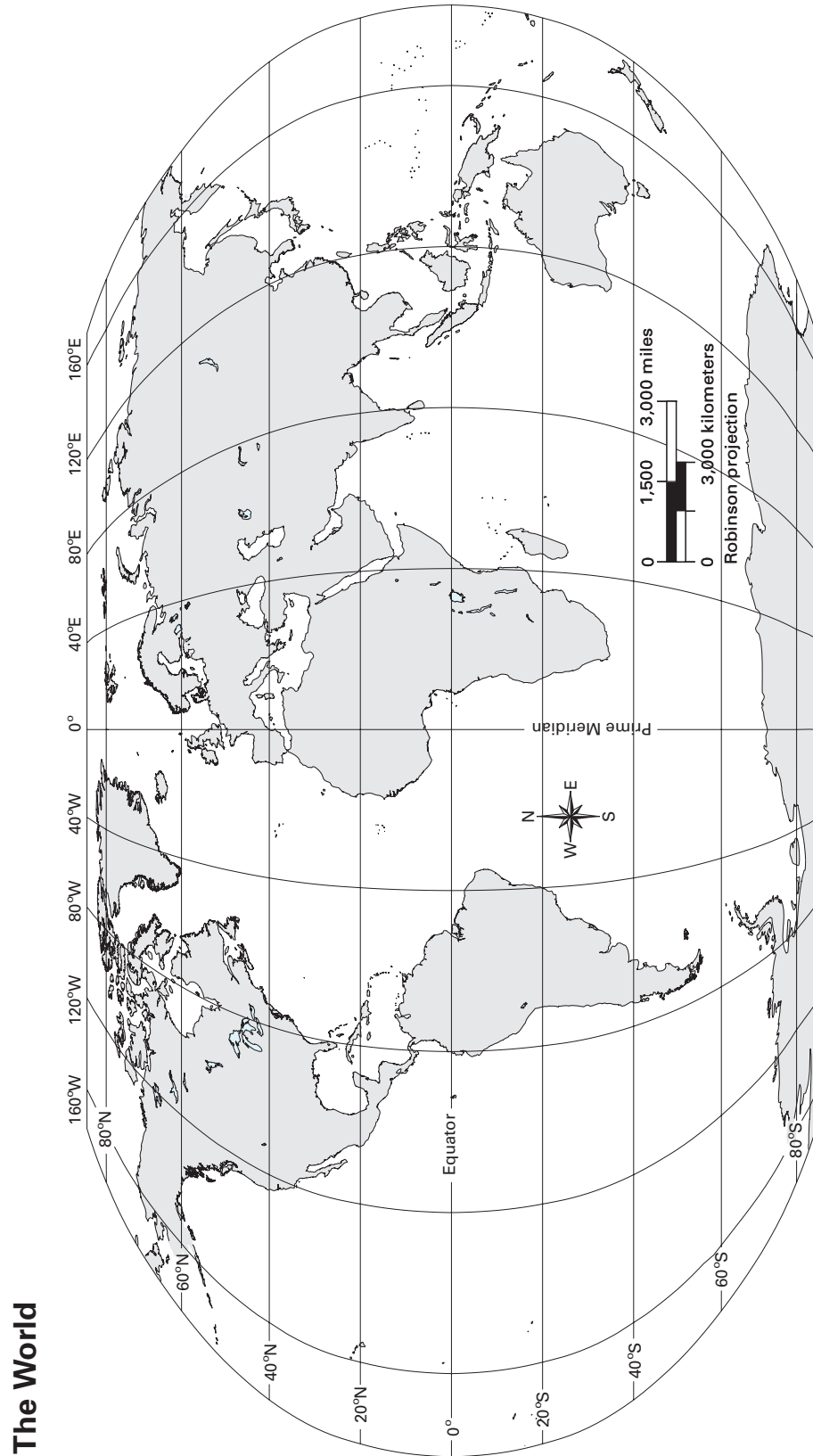


Downtown Washington, D.C.



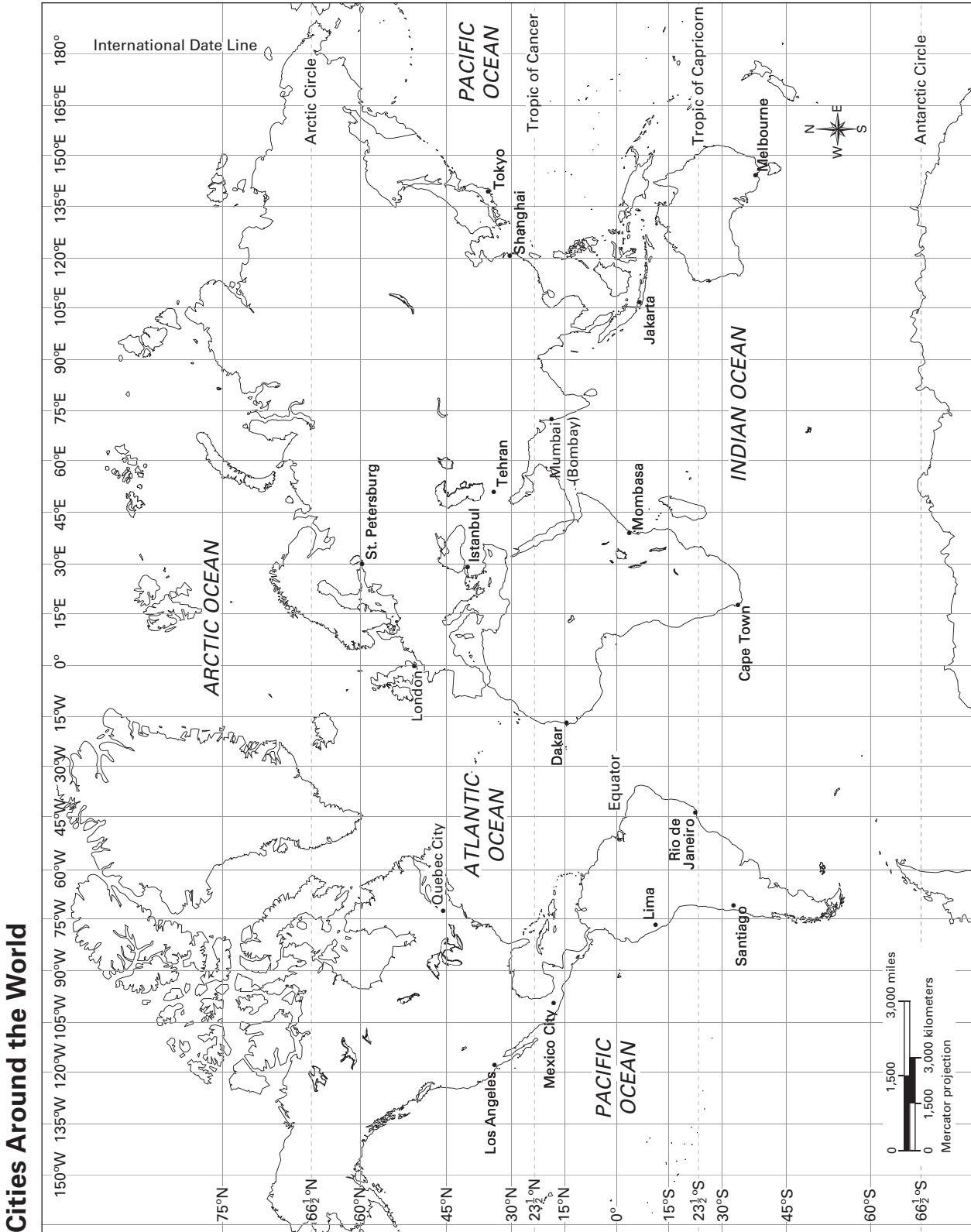
Section 5 - Hemispheres, Continents, and Oceans

Label the map. Follow the directions on the cards your teacher gives you.



Section 6 - Earth and the Sun

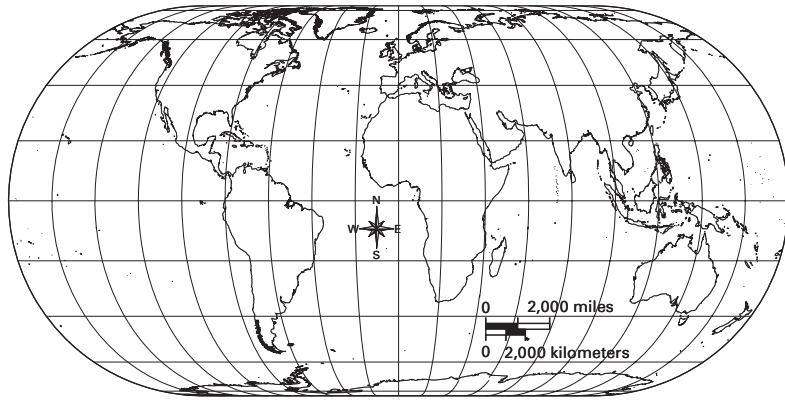
Label the map. Follow the directions on the cards your teacher gives you.



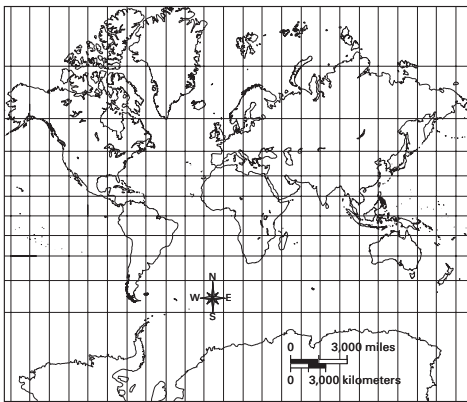
Section 7 - Showing a Round World on a Flat Map

Label the maps. Follow the directions on the cards your teacher gives you.

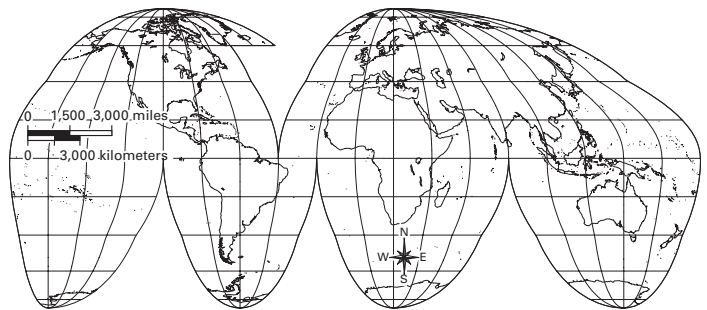
The World



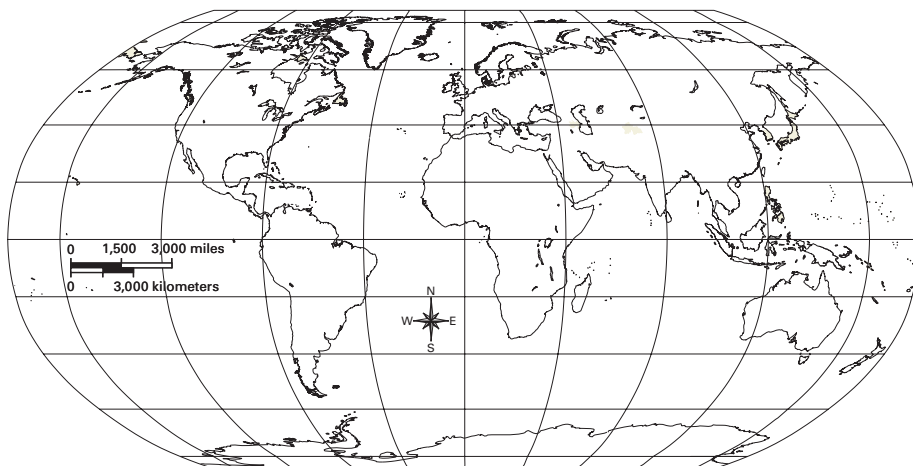
The World



The World



The World



Processing

Create a map of your classroom. Include these things on your map:

- an appropriate title
- a legend with symbols that represent the furniture and other objects in the room
- a compass rose
- a grid
- an accurate scale